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Find the *OMRON V720S-BC5D4* at our website: ***Click HERE***

OMRON

V720-Series Electromagnetic Inductive RFID System Reader/Writer
V720S-BC5D4

Reader/Writer Enables Industry's Longest Communications Distance for Omron Smart Cards

- Two antenna terminals available.
- Includes RS-232C and RS-485 interfaces.
- Allows multi-drop connection of up to 32 antennas.
- Both i-CODE1 and i-CODE SLI types available.
- Durable construction conforms to IP65.
- User-friendly host command structure.



Ordering Information

■ List of Models

Item	Model
Reader/Writer	**V720S-BC5D4**

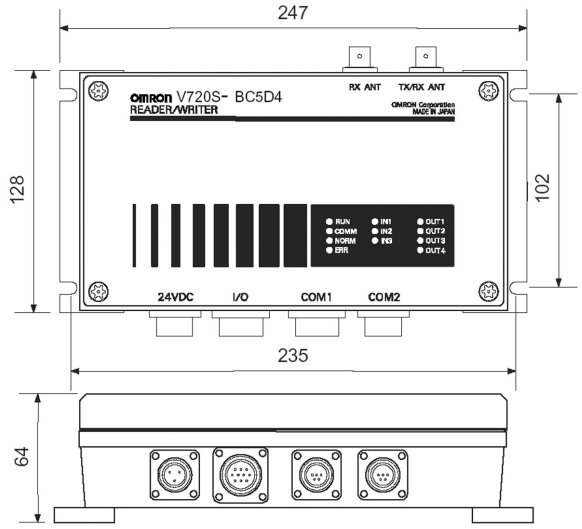
Specifications

Item	Specifications
Communications frequency	13.56 MHz
Ambient temperature in operation	-10°C to 50°C with no icing
Degree of protection	IEC 60592, IP65
Power supply voltage	24 VDC ±10%
Dimensions	247 W x 64 H x 128 D mm
Antenna output impedance	50 Ω
I/O interface	Input: 4 signals (IN1, IN2, IN3 RESET), Output: 4 signals (OUT1, OUT2, OUT3, OUT4)
Host interface	COM1 (RS-232C/RS-485), COM2 (RS-232C) 9,600 to 115,200 bps
Applicable standards	R & TTE, FCC Part 15

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Dimensions

Note: All units are in millimeters unless otherwise indicated.



Communications Time (Reference Values)

The communications time between the Read/Write antenna and the ID tag is shown below, but does not include the host communications time.

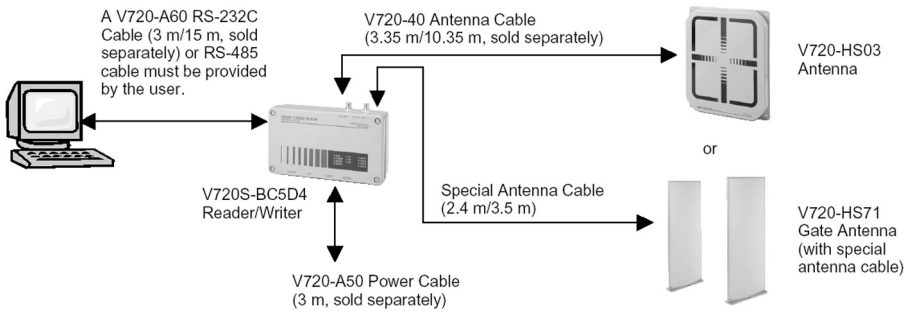
■ Standard Mode

Calculation methods	Communications time (msec)
High-speed read	T = 1.3 N + 43.4
Normal read	T = 1.3 N + 91.6
Write	T = 54.2 N + 90.0

■ Fast Mode

Calculation methods	Communications time (msec)
High-speed read	T = 1.3 N + 6.2
Normal read	T = 1.3 N + 12.7
Write	T = 1.3 N + 13.5

System Configuration



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ALL DIMENSIONS SHOWN ARE IN MILLIMETERS. To convert millimeters into inches, divide by 25.4

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